



UNITED STATES PATENT AND TRADEMARK OFFICE

AK

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/981,842	10/19/2001	Kenji Imanishi	011287	7067

23850 7590 11/05/2003

ARMSTRONG, KRATZ, QUINTOS, HANSON & BROOKS, LLP
1725 K STREET, NW
SUITE 1000
WASHINGTON, DC 20006

EXAMINER

BAUMEISTER, BRADLEY W

ART UNIT PAPER NUMBER

2815

DATE MAILED: 11/05/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

AK

Interview Summary

Application No.
09/981,842

Applicant(s)
Imanishi

Examiner
B. William Baumeister

Art Unit
2815



All participants (applicant, applicant's representative, PTO personnel):

(1) B. William Baumeister (PTO)

(3) Steven Adrian (Applicant's Representative)

(2) Michael Caridi (Applicant's Representative)

(4) _____

Date of Interview Nov 3, 2003

Type: a) ☒ Telephonic b) ☐ Video Conference
c) ☐ Personal [copy is given to 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☒ No. If yes, brief description:

Claim(s) discussed: all

Identification of prior art discussed:
all

Agreement with respect to the claims f) ☐ was reached. g) ☒ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments:

Examiner agrees that the "Response to Arguments" section of paper #13 included a typographical error: The second sentence of paragraph 7a should read, "this argument is NOT persuasive..."

Discussed whether incorporating a limitation--stating that the lowest energy level channel layer is in direct contact with the electron-supply layer (or spacer)--would make the claim(s) allowable. The Examiner is of the opinion that such a limitation would require further consideration and search.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

i) ☒ It is not necessary for applicant to provide a separate record of the substance of the interview (if box is checked).

Unless the paragraph above has been checked, THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN ONE MONTH FROM THIS INTERVIEW DATE TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached

BRADLEY BAUMEISTER
PRIMARY EXAMINER

Examiner's signature, if required

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.